

### Abstract

Magnetically passive position sensor, method for manufacturing the magnetically passive position sensor

In a magnetically passive position sensor, a mechanical axis (11) and a magnetic axis (12) of a magnet (2) point toward the same contact spring element from two or more contact spring elements (5, 6). This results, in particular, in the end regions of the position sensor achieving a particularly high accuracy. The magnet (2) has a guide polygon (8) which is used to hold the magnet (2) in a holder (10) such that it cannot rotate.

(Figure 1)